

FUDS MMRP SI Program

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18 June 2010

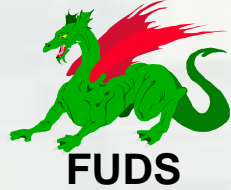


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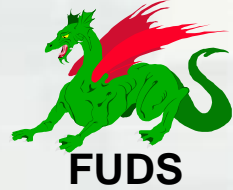
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Topics



- Program Objectives
- FUDS MMRP SI Process
- Program Status
- FUDS MMRP Project vs. Munitions Response Site (MRS)
- SI Report Recommendations by MRS
- Initial MRSPR Results
- Program Summary and Challenges



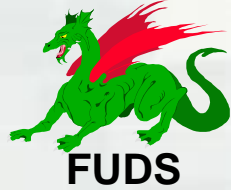


Program Objectives

- USACE initiated the FUDS Nationwide MMRP SI Program in FY05
- Program Objectives
 - ▶ Collect appropriate information necessary to:
 - Eliminate from further consideration those releases that pose no significant threat to public health or the environment
 - Determine potential need for removal action
 - Collect or develop additional data, appropriate for Hazard Ranking System (HRS) scoring by EPA; and
 - Collect data, as appropriate, to characterize release for effective and rapid initiation of remedial investigation and feasibility study (RI/FS)
 - ▶ Collect data to complete the Munitions Response Site Prioritization Protocol (MRSP)



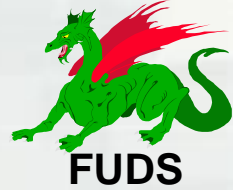
FUDS MMRP SI Process



- 1st Technical Project Planning (TPP) Meeting
 - ▶ Stakeholders Invited (regulators, landowners, etc.)
 - ▶ TPP Memorandum
- Site Specific Workplan
- Fieldwork
 - ▶ Qualitative Reconnaissance (QR) & Sampling
- 2nd TPP Meeting
 - ▶ Stakeholders Invited
 - ▶ Discuss Draft Final SI Report and MRSPP Score
- Final SI Report

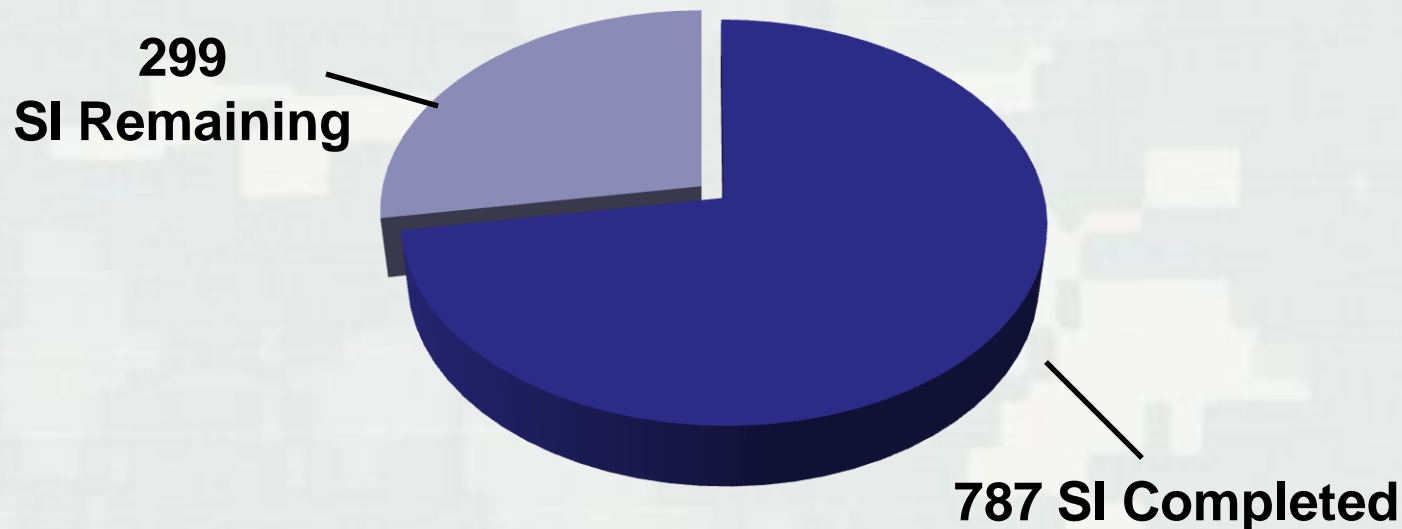


FUDS MMRP SI Program



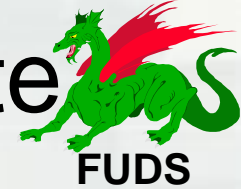
FUDS MMRP Program FY09 Annual Report to Congress (ARC)	
Properties with MMRP Projects	1452
Total MMRP Projects	1612
Response Complete	561

FUDS MMRP SI Program (1086)

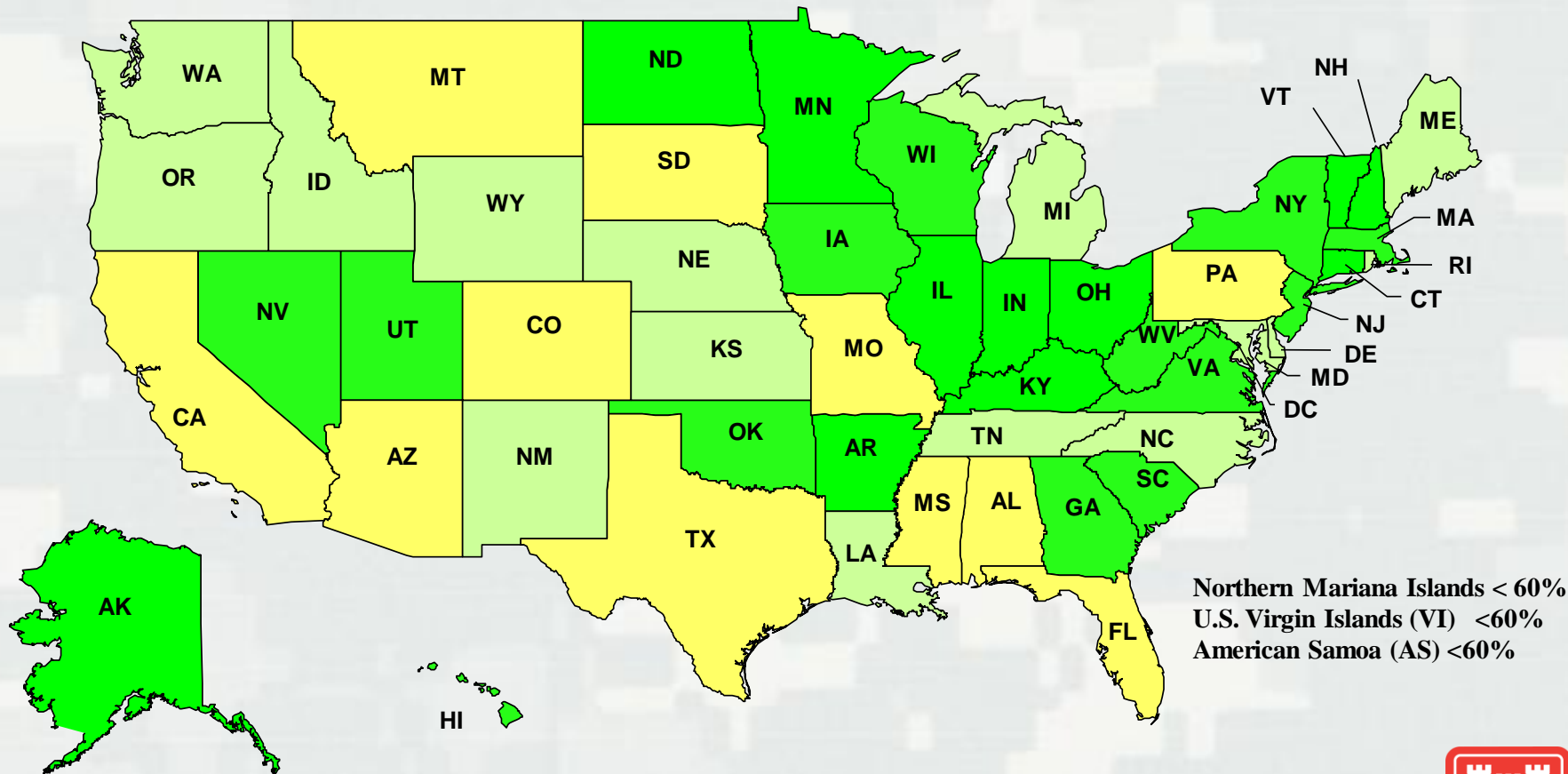


MMRP SI Program Status by State

(787/1086 = 72% Complete)

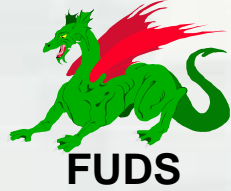


% Completed: **Dark Green > 90%** **Light Green 80% - 89 %** **Yellow 60% - 79%**

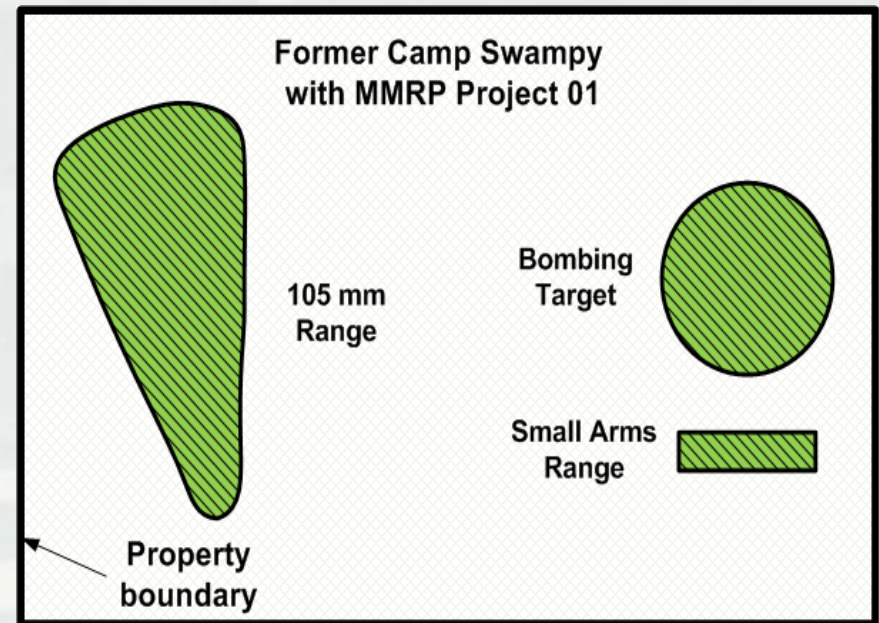
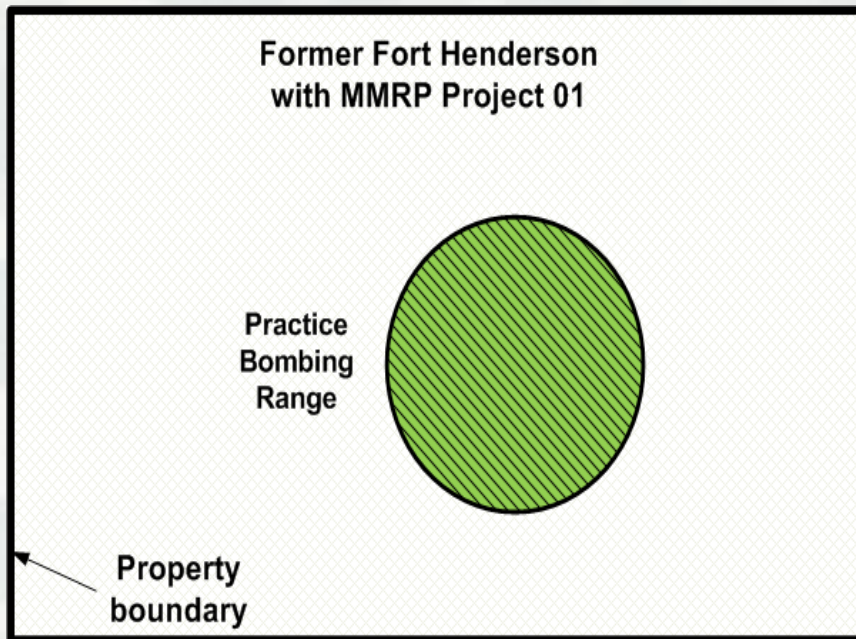


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FUDS MMRP Project vs. MRS

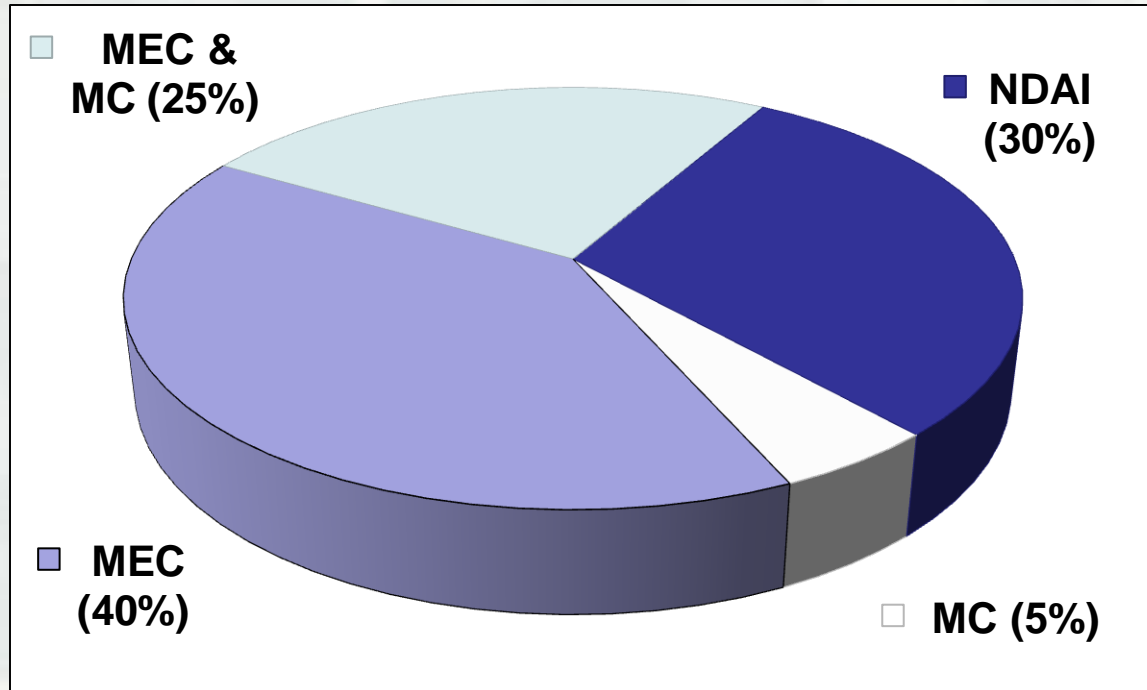
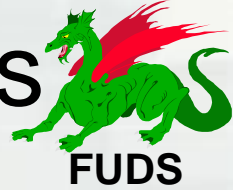


- Each project includes an average of ~2.0 Munitions Response Sites (MRS)



MMRP SI Report Recommendations

for 1175 Munitions Response Sites (MRS)

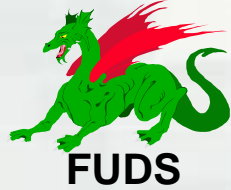


SI Report MRS Results	
NDAI	30%
Post SI Action for MC	5%
Post SI Action for MEC & MC	25%
Post SI Action for MEC	40%



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MRSP

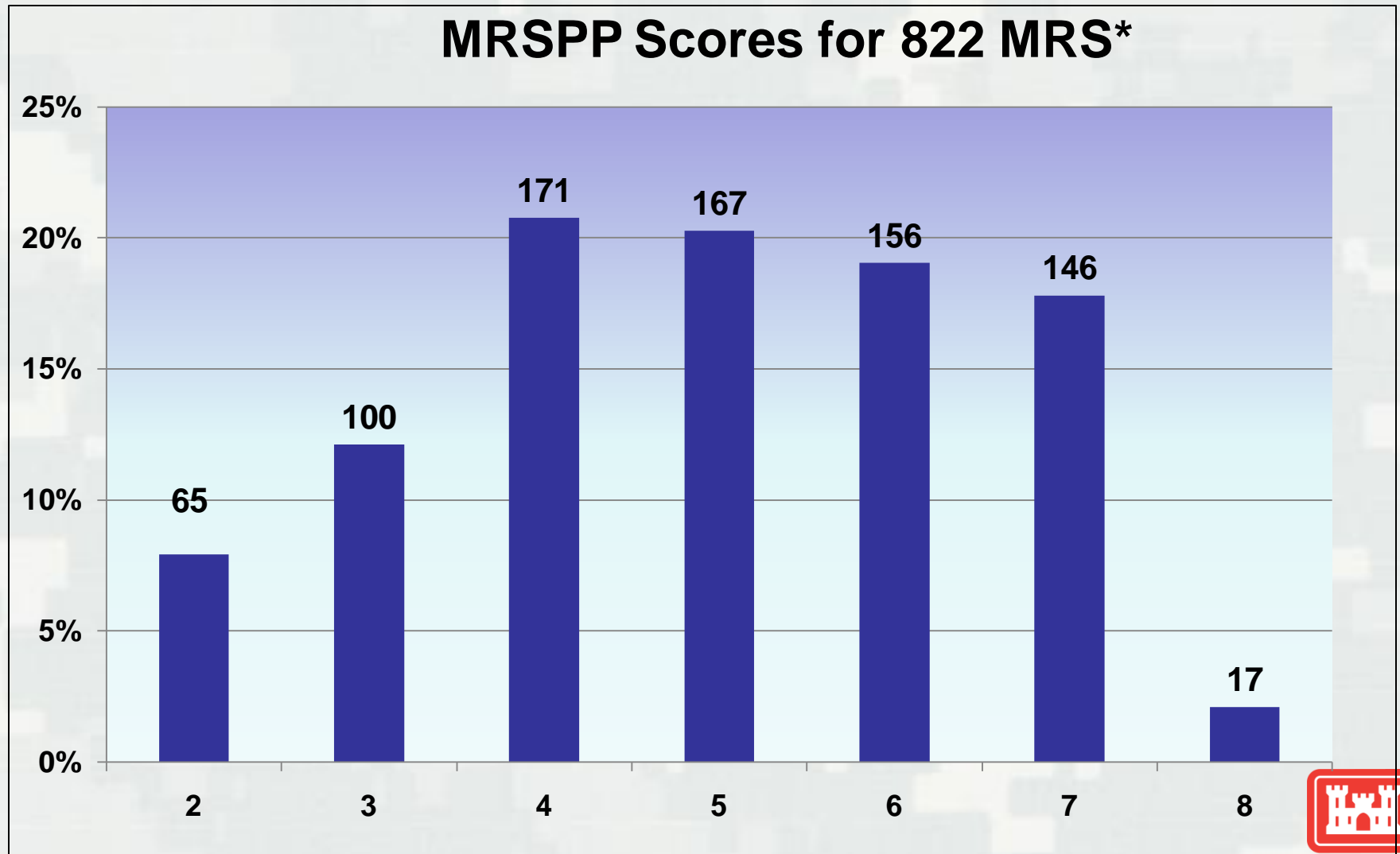


- Final Rule on 5 October 2005, codified in 32 CFR Part 179
- The Protocol is the methodology developed by the DoD to assign a relative priority (MRSP score) to defense sites known or suspected of containing unexploded ordnance (UXO), discarded military munitions (DMM), or munitions constituents (MC).
- The Protocol provides the Components a framework to use with stakeholders to determine the relative risks posed at each MRS within its MRS Inventory.
- MRSP score will be used to determine project sequencing (other factors also considered).



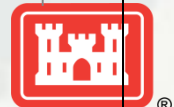
MRSPP Results

(70% of 1175 = 822 MRS with recommendations of 'Post SI Action')

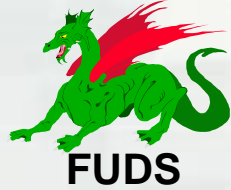


*Data represented is prior to QA Panel Review.

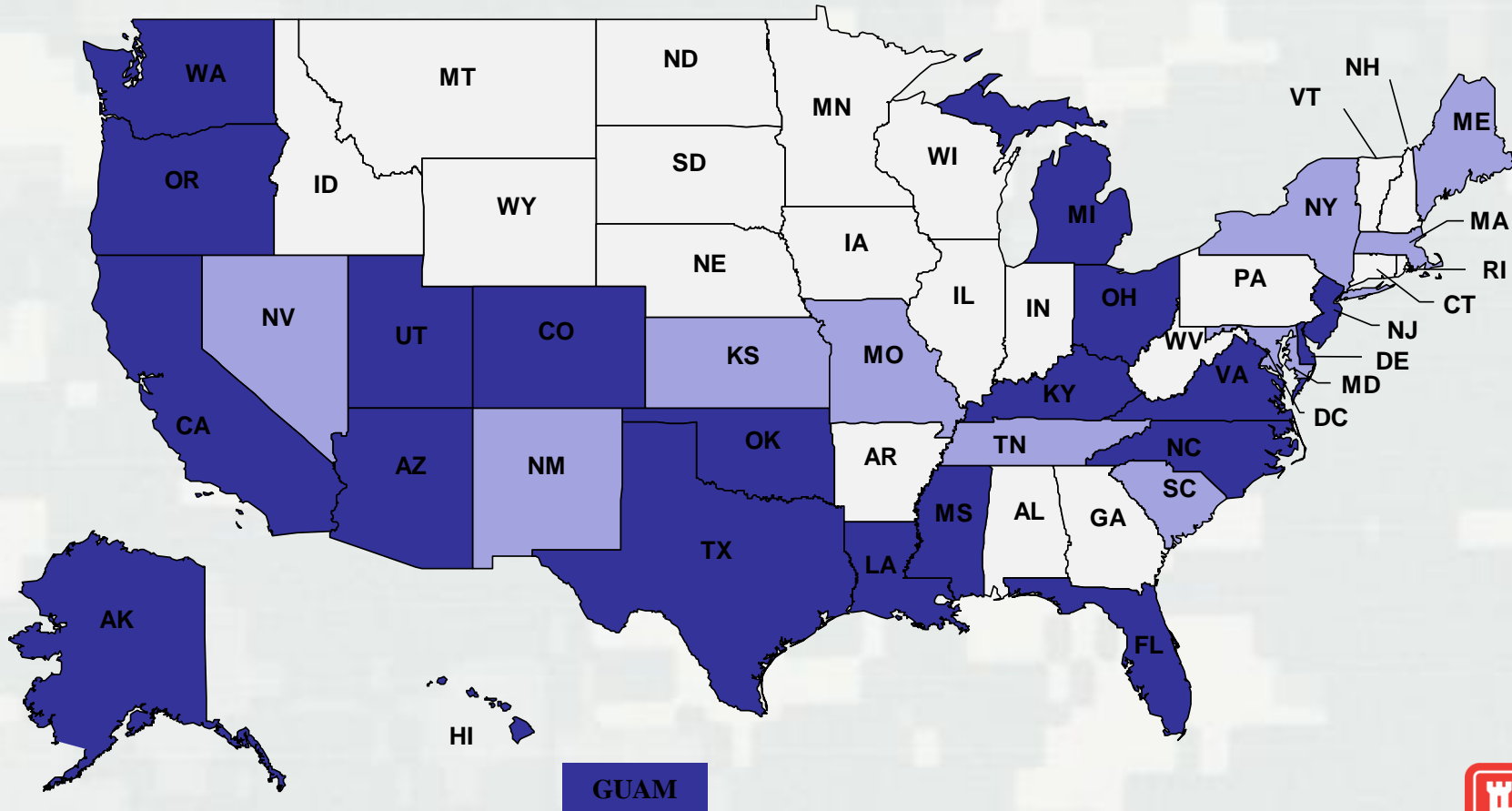
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MRSPP by State



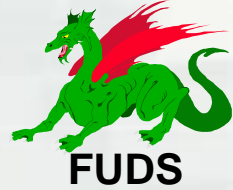
Dark Blue = MRSPP 2 Light Blue = MRSPP 3 Grey \geq = MRSPP 4



*Data represented is prior to QA Panel Review.

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MRSPP Score of 2 & 3 by State



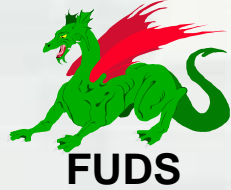
STATE	MRSPP 2	MRSPP 3	TOTAL
CA	2	21	23
FL	4	13	17
AK	2	8	10
AZ	1	9	10
HI	7	3	10
OR	2	7	9
PR	3	5	8
CO	4	3	7
GM	7		7
MI	2	5	7
NJ	5	2	7
VA	7		7
MS	3	2	5
OH	5		5
MA		3	3
NC	2	1	3

STATE	MRSPP 2	MRSPP 3	TOTAL
TX	1	2	3
LA	2		2
MD		2	2
NM		2	2
NY		2	2
TN		2	2
DE	1		1
KS		1	1
KY	1		1
ME		1	1
MO		1	1
NV		1	1
OK	1		1
SC		1	1
UT	1		1
WA	1		1

*Data represented is prior to QA Panel Review.

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Program Summary



- USACE anticipates SIs for 1086 projects (765 completed by FY10)
 - ▶ Over 1800 MRSs
- Completed over 7800 miles of Qualitative Reconnaissance (QR)
 - ▶ Average 15 miles QR per project
- Taken over 8000 samples
- NDAI recommendations for ~ 30% of MRSs
- NDAI'd ~ 45% of MRS land acreage
- Funding of ~\$150 M for FY05-FY10





Camp Young
Riverside County, CA

Legend

- FUDS
- Ranges
- ROE Executed
- Parcels
- Parcels over 200 acres
- Other Parcels
- BLM

Site Location

Map Labels:

713091002, 713091004, 713091005, 713092001, 713092014, 713130022, 713130011, 713130017, 713130015, 713130023, 713130024, 713130025, 713130026, 713130027, 713130028, 713130029, 713130030, 713130031, 713130032, 713130033, 713130034, 713130035, 713160002, 713160003, 713160004, 713160005, 713160006, 713160007, 713160008, 713160009, 713160010, 713160011, 713160012, 713160013, 713160014, 713160015, 713160016, 713160017, 713160018, 713160019, 713160020, 713160021, 713160022, 713160023, 713160024, 713160025, 713160026, 713160027, 713160028, 713160029, 713160030, 713160031, 713160032, 713160033, 713160034, 713160035, 713160036, 713160037, 713160038, 713160039, 713160040, 713160041, 713160042, 713160043, 713160044, 713160045, 713160046, 713160047, 713160048, 713160049, 713160050, 713160051, 713160052, 713160053, 713160054, 713160055, 713160056, 713160057, 713160058, 713160059, 713160060, 713160061, 713160062, 713160063, 713160064, 713160065, 713160066, 713160067, 713160068, 713160069, 713160070, 713160071, 713160072, 713160073, 713160074, 713160075, 713160076, 713160077, 713160078, 713160079, 713160080, 713160081, 713160082, 713160083, 713160084, 713160085, 713160086, 713160087, 713160088, 713160089, 713160090, 713160091, 713160092, 713160093, 713160094, 713160095, 713160096, 713160097, 713160098, 713160099, 713160100, 713160101, 713160102, 713160103, 713160104, 713160105, 713160106, 713160107, 713160108, 713160109, 713160110, 713160111, 713160112, 713160113, 713160114, 713160115, 713160116, 713160117, 713160118, 713160119, 713160120, 713160121, 713160122, 713160123, 713160124, 713160125, 713160126, 713160127, 713160128, 713160129, 713160130, 713160131, 713160132, 713160133, 713160134, 713160135, 713160136, 713160137, 713160138, 713160139, 713160140, 713160141, 713160142, 713160143, 713160144, 713160145, 713160146, 713160147, 713160148, 713160149, 713160150, 713160151, 713160152, 713160153, 713160154, 713160155, 713160156, 713160157, 713160158, 713160159, 713160160, 713160161, 713160162, 713160163, 713160164, 713160165, 713160166, 713160167, 713160168, 713160169, 713160170, 713160171, 713160172, 713160173, 713160174, 713160175, 713160176, 713160177, 713160178, 713160179, 713160180, 713160181, 713160182, 713160183, 713160184, 713160185, 713160186, 713160187, 713160188, 713160189, 713160190, 713160191, 713160192, 713160193, 713160194, 713160195, 713160196, 713160197, 713160198, 713160199, 713160200, 713160201, 713160202, 713160203, 713160204, 713160205, 713160206, 713160207, 713160208, 713160209, 713160210, 713160211, 713160212, 713160213, 713160214, 713160215, 713160216, 713160217, 713160218, 713160219, 713160220, 713160221, 713160222, 713160223, 713160224, 713160225, 713160226, 713160227, 713160228, 713160229, 713160230, 713160231, 713160232, 713160233, 713160234, 713160235, 713160236, 713160237, 713160238, 713160239, 713160240, 713160241, 713160242, 713160243, 713160244, 713160245, 713160246, 713160247, 713160248, 713160249, 713160250, 713160251, 713160252, 713160253, 713160254, 713160255, 713160256, 713160257, 713160258, 713160259, 713160260, 713160261, 713160262, 713160263, 713160264, 713160265, 713160266, 713160267, 713160268, 713160269, 713160270, 713160271, 713160272, 713160273, 713160274, 713160275, 713160276, 713160277, 713160278, 713160279, 713160280, 713160281, 713160282, 713160283, 713160284, 713160285, 713160286, 713160287, 713160288, 713160289, 713160290, 713160291, 713160292, 713160293, 713160294, 713160295, 713160296, 713160297, 713160298, 713160299, 713160300, 713160301, 713160302, 713160303, 713160304, 713160305, 713160306, 713160307, 713160308, 713160309, 713160310, 713160311, 713160312, 713160313, 713160314, 713160315, 713160316, 713160317, 713160318, 713160319, 713160320, 713160321, 713160322, 713160323, 713160324, 713160325, 713160326, 713160327, 713160328, 713160329, 713160330, 713160331, 713160332, 713160333, 713160334, 713



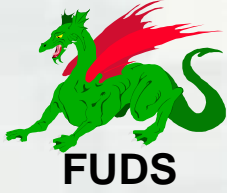
Challenges



- Natural Disasters
 - ▶ Tsunamis, Hurricanes, Earthquakes
- Oil Spills
- Drug Dealers
- Meth Labs
- Minutemen Patrols on Border
- Alligators



FUDS MMRP SI Program



Questions?



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